## The International Journal of

## Nautical Archaeology

and Underwater Experation

U.I.G.
JAN 26 1984

Volume 12, 1983

Published for the Council for Nautical Archaeology by Academic Press London New York San Diego San Francisco São Paulo Sydney Tokyo Toronto

## **Contents of Volume 12**

Editorial The Pattaya wreck site excavation, Thailand, An interim report	1
Jeremy Green and Vidya Intakosai	3
The excavation of a collection of cordage from a shipwreck site	1.5
Graeme Henderson and Myra Stanbury Walls in the sea—the goradau of Menai. Some marine antiquities of the Menai Straits	15
Cecil Jones	27
Documentary sources and the medieval ship: some aspects of the evidence  Ian Friel	41
Ordnance and the king's fleet in 1548  John R. Kenyon	63
Bronze cannon founders: comments upon Guilmartin 1974, 1982 Richard Baker	67
Recent views on 'The wreck of the Almirante' Robert Stenuit	75
Stone weight anchors from Kommos, Crete Joseph W. Shaw and Harriet Blitzer Discovery of a 19th century barge laden with iron ore near the village of St. Antoine in the	91
Richelieu River, Quebec, Canada André Lépine	101
A wreck of possible Etruscan origin off Giglio Island M. Bound and R. Vallintine	113
The Akrotiri ship fresco HE. Giescke	123
A toothed gear and water-drawing pendulum from the Mahdia wreck Gerhard Kapitan	145
A Roman sheave block from the harbour of Caesarea Maritima, Israel John Peter Oleson Aerial photography of some Greek coastal regions and its archaeological implications	155
Y. Liritzis, P. Miserlis and R. Rigopoulos	191
The underwater excavation in the Garigliano River: final report 1982. The Roman port	
and bridge at Minturnae, Italy  Bro. S. Dominic Ruegg	203
Roman naval construction, as shown by the Palamós wreck Federico Foerster Laures	219
Recent maritime research in Israel Avner Raban	229
The Song Dynasty shipwreck at Quanzhou, Fujian Province, People's Republic of China  Jeremy Green	253
On the location of the land of Pwnt on two Renaissance maps	
André Wegener Sleeswyk	279
The Shinan excavation, Korea: an interim report on the hull structure	293
Prehistoric and historic shorelines of the Southern Argolid Peninsula: A subbottom	
prolifer study Tjeerd H. van Andel and Nikolaos Lianos	303
An index for flat-bottom boats  Owain T. P. Roberts	325
NY , INT	
Notes and News The Nymphaeum at Baia Honor Frost	81
A	83
	171
Grids and pumps for underwater archaeological work  Comment on 'Saxons, sea and sail' (IJNA, 11: 319–332)  D. M. Goodburn	173
A new anglo-saxon ship  Valerie Fenwick	174
Comment on 'A trireme displacement estimate' (IJNA, 11: 305–318)	174
Federico Foerster Laures	176
News	177
A Thracian Sea God from Pomorie, Bulgaria  Ivan Karayotov	263
Two thousand year old cloth made from goat's hair	200
Federico Foerster Laures and Ricardo Pascual	264
News	267

An ancient navis oneraria with the myth of Odysseus and the Sirens represented on	
a late Roman sherd Roberto Meneghini	333
The excavation and salvage on a 16th century 'Beurtschip' Reinder Reinders	336
Note on la Cavalière wreck report Federico Foerster Laures	338
An analysis of lead musket shot from the wreck of an early 18th century man-of-war	
D. R. J. Perkins	339
The metal nails from the wreck at Palamós Federico Foerster	342
News	345
Reviews	
Keith Muckelroy (Ed.), Archaeology under water. An Atlas of the World's submerged	
sites:	85
Keith Muckelroy, Discovering a historic wreck	87
Valnea Santa Maria Scrinari, Le navi del porto di Claudio	183
Honor Frost and other Authors, Lilybaeum (Marsala). The Punic Ship: Final Excavation	
Report. Notizie degli Scavi di Antichità	185
Brian Lavery (Ed.), Dean's doctrine of naval architecture, 1670	186
Alexander McKee, How we found the Mary Rose	271
Margaret Rule, The Mary Rose: the excavation and raising of Henry VIII's flagship	271
Ernle Bradford, The story of the Mary Rose	271
Dan E. McCaslin, Stone anchors in antiquity: coastal settlement and marine trade routes	
in the Eastern Mediterraean ca. 1600–1050 B.C.	273
Sydney Wignall, In search of Spanish treasure: a diver's story	274
UNESCO, Protection of the underwater heritage. Technical handbooks for museums	2,.
and monuments	275
Anthony Burton, The past afloat	276
Joe Macinnes, The Breadalbane adventure	276
Rassegna di archaeologia subaquea. Cataloghi del Museo Archaeologico Provinciale	2,0
'F. Ribezzo' du Brindisi	277
Richerche e Studi	277
Alan McGowan, The ship: tiller and whipstaff	351
Basil Greenhill, The ship: the life and death of merchant shipping	351
Ewan Corlet, The ship: the revolution in merchant shipping	351
Marie-Christian De Greave, The ships of the Ancient Near East	351
H. E. Edgerton, E. Linder and Y. Tur-Caspa, Side-span sonar survey in search for ancient	
wrecks along the Israeli Mediterranean coast,	352
W. G. A. Russell-Cargill (Ed.) Recent developments in side-scan sonar techniques	352
Anders Frenzen, HMS Kronan. The search for a great 17th century Swedish warship	353
M. K. Hughes, P. M. Kelly, J. R. Pilcher and V. C. Lamarche (Eds), Climate from tree	000
rings,	353
M. G. L. Baillie, Tree-ring dating and archaeology	353
Geoffrey and David Allen, The guns of Sacramento	355
Klaus-Peter Kiedel and Uwe Schnall (Eds), Die Hanse-Kogge von 1380. Geschichte,	333
Fund, Bergung, Wiederaufbau, Konservierung	355
Werner Dammann, Das Gokstadschiff und seine Boote	355
Gerd Rupprecht (Ed.), Die Mainzer Römerschiffe, Berichte über Entdeckung,	555
Ausgrabung und Bergung	356
Sean McGrail, Ancient boats	356

 Periodical notes
 144, 154, 252, 262, 270, 278, 292

 Notice
 190

 Obituary
 189

 Corrigenda
 188, 358